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70169 U.S. PTO
08/794851
02/04/97MAIL ROOM
FEB 4 1997
ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231
BOX PATENT APPLICATION

SIR:

Transmitted herewith for filing is the patent application (including Specification, Claims and Abstract, 90 pages) of:
 Inventors: Francis Barany, George Barany, Robert P. Hammer,
 Maria Kempe, Herman Blok, Monib Zirvi

For: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING THE LIGASE DETECTION REACTION WITH ADDRESSABLE ARRAYS

Enclosed are:

- [] SIGNED Combination Declaration and Power of Attorney (pages).
- [x] 34 sheets of informal drawings.
- [] An assignment (pages) of the invention to _____
- [] Assignment Transmittal Letter.
- [] A certified copy of a _____ application.
- [] An associate power of attorney.
- [] A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27 (pages).
- [] Preliminary Amendment (pages).
- [x] Information Disclosure Statement, form PTO-1449 (4 pages) and 44 references.
- [x] UNSIGNED Combined Declaration and Power of Attorney (3 pages).

The Filing fee has been calculated as shown below:

(Col. 1)	(Col. 2)	SMALL ENTITY	LARGE ENTITY
FOR:	NO. FILED	NO. EXTRA	
BASIC FEE	XXXXXXXXXXXX	XXXXXXXXXXXX	
TOTAL CLAIMS	147 - 20 =	127	
INDEP CLAIMS	4 - 3 =	1	
[] MULTIPLE DEPENDENT CLAIM PRESENTED			
RATE	Fee	OR	Rate
XXXXXX	\$ 385	OR	XXXXXX
x 11 =	\$1397	OR	x 22 = \$
x 40 =	\$ 40	OR	x 80 = \$
x130 =	\$	OR	x260 = \$
TOTAL	\$1822	OR	TOTAL \$

*If the Total Claims are less than 20 and Indep. Claims are less than 3, enter "0" in Col. 2

[x] A check in the amount of \$1,822.00 to cover the filing fee
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Date: February 3, 1997

Michael L. Goldman
Michael L. Goldman
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EXPRESS MAIL CERTIFICATE

DOCKET NO.: 19603/461

APPLICANTS: Barany et al.

TITLE: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING THE LIGASE DETECTION REACTION WITH ADDRESSABLE ARRAYS

Certificate is attached to the New Application Transmittal Letter (2 pages) in duplicate of the above-named application.

"EXPRESS MAIL" NUMBER: EM 450231569 US

DATE OF DEPOSIT: February 4, 1997

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Jane C. Wirszyla

(Typed or printed name of person mailing paper or fee)

Jane C. Wirszyla
(Signature of person mailing paper or fee)



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Jane C. Wirszyla

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(Signature of person mailing paper or fee)



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Certificate is attached to the Information Disclosure Statement (1 page) and PTO-1449 form (4 pages, 44 references) of the above-named application.

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Certificate is attached to the Informal Drawings (34 pages) of the above-named application.

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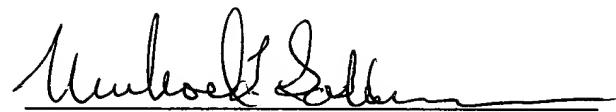
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DIFFERENCES USING THE LIGASE
DETECTION REACTION WITH
ADDRESSABLE ARRAYS**

INVENTORS:

**Francis Barany
George Barany
Robert P. Hammer
Maria Kempe
Herman Blok
Monib Zirvi**

DOCKET NO.: 19603/461 (CRF D-1595A)